

LAW OFFICES
DOWELL & DOWELL, P.C.

PATENT AND TRADEMARK CAUSES

SUITE 406

A. YATES DOWELL, III
RALPH A. DOWELL
ALYSSA ANN FINAMORE

WENDY M. SLADE
REGISTERED PATENT AGENT

RECEIVED 211 EISENHOWER AVE.
ALEXANDRIA, VA 22314

TELEPHONE (703) 415-2555
FACSIMILE (703) 415-2559
E-MAIL: dowell@dowellpc.com

20 DEC 2007

Legal Staff
International Division

December 20, 2007

3 page(s) sent via facsimile
1 571 273 0459

Attn: PCT Pre-Exam

Re: National Phase Application in the US
Serial NO.: 10/580,019 Filed: May 19, 2006
Inventor: Landskron et al.
Our Docket No.: 15430NP

The Official Filing Receipt for U.S. National Phase Application No. 10/580,019, mailed July, 23, 2007, indicates that the "Data provided by applicant is not consistent with PTO records" regarding the Domestic Priority data, specifically the benefit claimed from 60/914,056. Our records indicate that the Domestic Priority data does match. A copy of the WO 2005/049625, as well as the previously-mentioned Official Filing Receipt, is included with this facsimile.

It is respectfully requested that a new Official Filing Receipt be issued.

Very sincerely yours,

DOWELL & DOWELL, P.C.



Nicole A. Lyman
Patent Assistant

NAL
Enclosures: Official Filing Receipt dated 7/23/07
WO 2005/049625

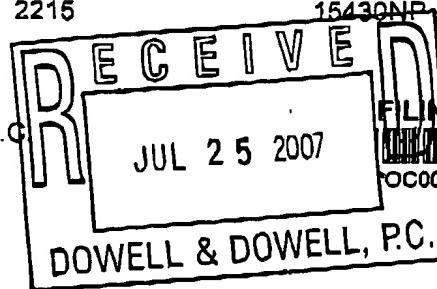


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	TOT CLMS	IND CLMS
10/580,019	02/27/2007	1621	2215	15430NP	58	7

293
 Ralph A. Dowell of DOWELL & DOWELL P.C.
 2111 Eisenhower Ave
 Suite 406
 Alexandria, VA 22314



CONFIRMATION NO. 7522

Date Mailed: 07/23/2007

Receipt is acknowledged of this nonprovisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kai Manfred Martin Landskron, Toronto, CANADA;
 Benjamin David Hatton, Hamilton, CA;
 Doug Dragan Perovic, Toronto, CANADA;
 Geoffrey Alan Ozin, Toronto, CANADA;

Power of Attorney: The patent practitioners associated with Customer Number 000293.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CA04/01990 11/19/2004
 which claims benefit of 60/523,141 11/19/2003
 and claims benefit of 60/814,056 09/30/2004 *

(*Data provided by applicant is not consistent with PTO records.

Foreign Applications

If Required, Foreign Filing License Granted: 07/13/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/580,019**

Projected Publication Date: 10/25/2007

Non-Publication Request: No

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049625 A1

(51) International Patent Classification⁷: C07F 7/18,
C08G 77/50, C01B 33/16

Apt. #8, Toronto, Ontario M4J 2A1 (CA). HATTON, Benjamin David [CA/CA]; 46 Binkley Crescent, Hamilton, Ontario L8S 3K9 (CA). PEROVIC, Doug Dragan [CA/CA]; 1801 Bayview Avenue, Suite 501, Toronto, Ontario, Ontario M4G 4K2 (CA). OZIN, Geoffrey, Alun [CA/CA]; 63 Gormley Avenue, Toronto, Ontario M4V 1Y9 (CA).

(21) International Application Number:
PCT/CA2004/001990

(74) Agent: HILL & SCHUMACHER; 87 Falcon Street, Toronto, Ontario M4S2P4 (CA).

(22) International Filing Date:
19 November 2004 (19.11.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM).

(26) Publication Language: English

[Continued on next page]

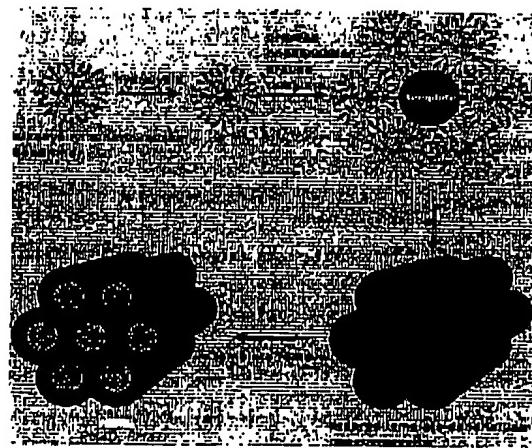
(30) Priority Data:
60/523,141 19 November 2003 (19.11.2003) US
→ 60/614,056 30 September 2004 (30.09.2004) US

(71) Applicant (for all designated States except US): THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO [CA/CA]; Simcoe Hall, 27 King's College Circle, Toronto, Ontario M5S 1A1 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LANDSKRON, Kai Manfred Martin [DE/CA]; 325 Sammon Avenue,

(54) Title: TEMPLATE-DIRECTED SYNTHESIS OF POROUS MATERIALS USING DENDRIMER PRECURSORS



WO 2005/049625 A1

(57) Abstract: The present invention provides a template-directed self-assembly strategy to integrate the class of materials called dendrimers with periodic mesoporous and macroporous silica materials to create two totally new classes of organic/inorganic nanocomposite materials, which we call periodic mesoporous dendrisilicas (PMeDs) and periodic macroporous dendrisilicas (PMaDs). The unusual combination of inorganic silica and organic dendrimer chemical structures with these scales of porosity and surfaces suggests a myriad of uses for PMeDs and PMaDs, such as the controlled release and uptake of chemicals, chiral separations and catalysis, electronic printing and microelectronic packaging, biomaterial platforms, chromatography stationary phase, and photonic crystal applications. These applications target the synergistic relationship between the dendrimer and the meso- or macroporous structure within a single hierarchical nanostructured organic/inorganic hybrid material.

*** RX REPORT ***

RECEPTION OK

TX/RX NO	9450
RECIPIENT ADDRESS	7034152559
DESTINATION ID	
ST. TIME	12/20 17:28
TIME USE	00'35
PGS.	3
RESULT	OK

 *** ACTIVITY REPORT ***

ST. TIME	DESTINATION TEL/ID	NO.	MODE	PGS.	RESULT
12/14 09:36	212 608 6732	9420	AUTO RX	ECM	8 OK 01'38
12/14 09:59	212 813 9600	9421	AUTO RX	ECM	2 OK 00'26
12/14 14:30	97037786591	2689	TRANSMIT		0 NG 00'00
					0 #0018
12/14 14:35	609 896 1469	9422	AUTO RX	G3	10 OK 09'07
12/14 14:47	+18479057113	9423	AUTO RX	ECM	2 OK 00'42
12/14 19:25	5035955301	9424	AUTO RX	ECM	8 OK 03'27
12/14 19:37	323 934 4145	9425	AUTO RX	ECM	9 OK 01'09
12/15 10:44	918047750544	2690	TRANSMIT		0 NG 00'00
					0 #0018
12/15 16:27	919733311717	2691	TRANSMIT	G3	3 OK 02'01
12/17 11:05	912159232189	2692	TRANSMIT	G3	0 NG 00'49
					0 ##0280
12/17 11:09	912159232189	2692	TRANSMIT	G3	2 OK 01'58
12/17 15:47	95712709937	2693	TRANSMIT	G3	2 OK 01'07
12/17 16:10	202 293 6229	9426	AUTO RX	ECM	8 OK 00'56
12/17 17:41	2123553333	9427	AUTO RX	ECM	2 OK 00'27
12/17 17:58	2148558200	9428	AUTO RX	ECM	3 OK 00'46
12/17 20:22	858 845 7668	9429	AUTO RX	ECM	14 OK 02'01
12/18 00:36		9430	AUTO RX	ECM	1 OK 02'10
12/18 12:17	303 629 3450	9431	AUTO RX	ECM	4 OK 01'09
12/18 13:54		9432	AUTO RX	ECM	2 OK 00'56
12/18 13:57		9433	AUTO RX	ECM	2 OK 00'53
12/18 14:12	212 608 6644	9434	AUTO RX	ECM	10 OK 03'34
12/18 14:43		9435	AUTO RX	ECM	25 OK 04'20
12/18 15:02		9436	AUTO RX	ECM	2 OK 01'16
12/18 16:29	6175231231	9437	AUTO RX	ECM	1 OK 00'35
12/19 08:18	918007220129	2694	TRANSMIT		0 NG 00'00
					0 STOP
12/19 08:21	918007220129	2695	TRANSMIT		0 NG 00'00
					0 STOP
12/19 08:58	212 608 6732	9438	AUTO RX	ECM	13 OK 02'39
12/19 11:49	9198589862	9439	AUTO RX	ECM	3 OK 01'01
12/19 14:04	908 203 6515	9440	AUTO RX	ECM	2 OK 00'19
12/19 14:06	908 203 6515	9441	AUTO RX	ECM	2 OK 00'27
12/19 14:24	918666523128	2696	TRANSMIT		0 NG 00'00
					0 STOP
12/19 15:57		9442	AUTO RX	ECM	9 OK 01'13
12/19 19:06	612 455 3801	9443	AUTO RX	ECM	6 OK 02'09
12/19 19:11		9444	AUTO RX	G3	1 OK 01'26
12/20 11:46	15083664688	9445	AUTO RX	G3	2 OK 02'01
12/20 15:49	312 269 1747	9446	AUTO RX	ECM	3 OK 00'47
12/20 16:11	2033276401	9447	AUTO RX	ECM	4 OK 00'42
12/20 16:12	207 862 4681	9448	AUTO RX	ECM	2 OK 00'33
12/20 16:35	2033276401	9449	AUTO RX	ECM	4 OK 00'40
12/20 17:28	7034152559	9450	AUTO RX	ECM	3 OK 00'35